

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation.
 Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BERYY	THREE	BERYY3.BERYY	TWO	27 JUN 2013	21 JUL 2016

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 6: CLIMB HEADING 062.81 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO BERYY. THENCE...
TAKEOFF RWY 24: CLIMB HEADING 242.83 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO BERYY. THENCE...
TAKEOFF RWY 11: CLIMB HEADING 122.17 TO 1120, THEN DIRECT LUUBE, CROSS LUUBE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE...
TAKEOFF RWY 12L, 12R: CLIMB HEADING 122.19 TO 1120, THEN DIRECT HEFNR, CROSS HEFNR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE...
TAKEOFF RWY 29: CLIMB HEADING 302.18 TO 1120, THEN DIRECT HAGEE, CROSS HAGEE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE...
TAKEOFF RWY 30L: CLIMB HEADING 302.20 TO 1120, THEN DIRECT PYUNG, CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE...
TAKEOFF RWY 30R: CLIMB HEADING 302.21 TO 1120, THEN DIRECT PYUNG, CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE...

... (TRANSITION). MAINTAIN 5000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
LITTLE ROCK	BERYY3.LIT	BERYY	TWRAY	TRACK 198.43	35.95	17900	2900	
		TWRAY	LIT VORTAC	TRACK 198.27	184.11	FL180	2600	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RNAV 1.
NOTE: DME/DME/IRU OR GPS REQUIRED.
NOTE: RADAR REQUIRED.
NOTE: FOR USE BY TURBOJET AIRCRAFT ONLY.
NOTE: ACCELERATE TO 250 KIAS; IF UNABLE, ADVISE ATC.

TAKEOFF MINIMUMS:

RWY 6, 24: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 280 FT PER NM TO 5000.
 RWY 11: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO LUUBE.
 RWY 12L, 12R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO HEFNR.
 RWY 29: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO HAGEE.
 RWY 30L, 30R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO PYUNG.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 6, RAILROAD 578 FT FROM DER, 620 FT LEFT OF CENTERLINE, 23 FT AGL/557 FT MSL. OL ON LDA AND ANTENNA ON BUILDING 1038 FT FROM DER, 706 FT RIGHT OF CENTERLINE, 30 FT AGL/598 FT MSL.

NOTE: RWY 11, MULTIPLE SIGNS, TREES, TOWERS, AND BLDGS BEGINNING 2348 FT FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 219 FT AGL/774 FT MSL. MULTIPLE SIGNS, TREES, TOWERS, AND BLDGS BEGINNING 2363 FT FROM DER, 489 FT RIGHT OF CENTERLINE, UP TO 114 FT AGL/694 FT MSL.

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NOTE: RWY 12L, TREE 1331 FT FROM DER, 667 FT RIGHT OF CENTERLINE, 75 FT AGL/654 FT MSL.

NOTE: RWY 12R, TRAFFIC SIGNAL AND SIGN BEGINNING 1413 FT FROM DER, 702 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/672 FT MSL. TREE 1930 FT FROM DER, 372 FT LEFT OF CENTERLINE, 67 FT AGL/636 FT MSL.

NOTE: RWY 30L, MULTIPLE TREES, POLES, AND ROADS BEGINNING 906 FT FROM DER, 600 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/663 FT MSL. OL ON LOC 614 FT FROM DER, ON CENTERLINE, 9 FT AGL/558 FT MSL. MULTIPLE TREES, POLES, ROADS, TERRAIN, AND BLDGS BEGINNING 283 FT FROM DER, 185 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/684 FT MSL.

NOTE: RWY 30R, OL ON GS 1895 FT FROM DER, 899 FT LEFT OF CENTERLINE, 28 FT AGL/587 FT MSL. MULTIPLE OL ON BLDGS, TREES, AND ELECTRICAL SYSTEM BEGINNING 2039 FT FROM DER, 387 FT RIGHT OF CENTERLINE, UP TO 81 FT AGL/670 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KSTL 00 EPOCH YEAR: 2000
DME/DME ASSESSMENT: SAT (RNP 2.0)
PILOT NAVIGATION AREA:
7 NM ARC CENTERED ON BERYY (IF), CW
FROM: POINT A (BEARING 153 DEGREES TO BERYY)
TO: POINT B (BEARING 243 DEGREES TO BERYY)
MINIMUM ALTITUDE- 10,000
CHART: TOP ALTITUDE: 5000

AIRPORTS SERVED:

LAMBERT-ST LOUIS INTL

ST LOUIS, MO

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, GND METER, DEP CON, TOWER

FIXES AND/OR NAVAIDS:



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REMARKS:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:

Apr 05, 2016

ATA, ALPA, APA, AOPA, NBAA, STL DEP CON, ZKC ARTCC

CHANGES:

ADDED CHART: TOP ALTITUDE: 5000

REASONS:

ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code		Superseded Number		Dated	Effective Date	
BERYY		THREE	BERYY3.BERYY		TWO		27 JUN 2013	21 JUL 2016	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW06 (AER)	384448.04N/0902252.43W	N	-	-	-	-			
1120	-	-	-	VA	062.81	-			CG 500 FT/NM TO 1120
-	-	-	-	VM	062.81	-			CG 280 FT/NM TO 5000
BERYY	381014.47N/0904634.30W	Y	FB	DF	-	-			
RW11 (AER)	384535.83N/0902435.55W	N	-	-	-	-			
1120 MSL	-	-	-	VA	122.17	-			CG 500 FT/NM TO LUUBE
LUUBE	384208.40N/0901735.03W	Y	FB	DF	-	-	AT/ABOVE 2500		
DAFUS	383808.82N/0901734.70W	Y	FB	TF	179.94	3.99			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	7.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	219.36	29.01			
RW12L (AER)	384506.41N/0902158.66W	N	-	-	-	-			
1120 MSL	-	-	-	VA	122.19	-			CG 500 FT/NM TO HEFNR
HEFNR	384206.39N/0901624.55W	Y	FB	DF	-	-	AT/ABOVE 2500		
DAFUS	383808.82N/0901734.70W	Y	FB	TF	193.04	4.06			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	7.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	219.36	29.01			
RW12R (AER)*	384511.59N/0902239.98W*	N	-	-	-	-			*DISPL THLD (467)
1120 MSL	-	-	-	VA	122.19	-			CG 500 FT/NM TO HEFNR
HEFNR	384206.39N/0901624.55W	Y	FB	DF	-	-	AT/ABOVE 2500		
DAFUS	383808.82N/0901734.70W	Y	FB	TF	193.04	4.06			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	7.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	219.36	29.01			
RW24 (AER)	384522.38N/0902127.02W	N	-	-	-	-			
1120 MSL	-	-	-	VA	242.83	-			CG 500 FT/NM TO 1120
-	-	-	-	VM	242.83	-			CG 280 FT/NM TO 5000
BERYY	381014.47N/0904634.30W	Y	FB	DF	-	-			

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BERYY		THREE		BERYY3.BERYY		TWO		27 JUN 2013	21 JUL 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW29 (AER)	384448.46N/0902259.39W	N	-	-	-	-			
1120 MSL	-	-	-	VA	302.18	-			CG 500 FT/NM TO HAGEE
HAGEE	384735.74N/0902840.90W	Y	FB	DF	-	-	AT/ABOVE 2500		
WAARN	384536.12N/0903229.93W	Y	FB	TF	236.31	3.59			
BERYY	381014.47N/0904634.30W	Y	FB	TF	197.45	37.01			
RW30L (AER)*	384417.08N/0902049.42W*	N	-	-	-	-			*DISPL THLD (201)
1120 MSL	-	-	-	VA	302.20	-			CG 500 FT/NM TO PYUNG
PYUNG	384718.73N/0902700.07W	Y	FB	DF	-	-	AT/ABOVE 2500		
ALLNT	384502.97N/0903108.69W	Y	FB	TF	235.13	3.95			
ELDBB	384116.21N/0903249.96W	Y	FB	TF	199.29	4.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	199.27	32.82			
RW30R (AER)	384418.99N/0902022.51W	N	-	-	-	-			
1120 MSL	-	-	-	VA	302.21	-			CG 500 FT/NM TO PYUNG
PYUNG	384718.73N/0902700.07W	Y	FB	DF	-	-	AT/ABOVE 2500		
ALLNT	384502.97N/0903108.69W	Y	FB	TF	235.13	3.95			
ELDBB	384116.21N/0903249.96W	Y	FB	TF	199.29	4.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	199.27	32.82			
BERYY	381014.47N/0904634.30W	Y	-	IF	-	-			BERYY3.LIT
TWRAY	373605.06N/0910052.53W	Y	FB	TF	198.43	35.95			
LIT VORTAC	344039.62N/0921049.90W	Y	FB	TF	198.27	184.11			